

Bill of materials

Table 1. STEVAL-C34KPM1 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	-	Table 2. STEVAL-C34PM01	Power Monitoring Add-on	ST	Not available for separate sale
2	1	-	Table 3. STEVAL-FLTCB02	34pin Flex Cable - 15cm	ST	Not available for separate sale

Table 2. STEVAL-C34PM01 bill of materials

Item	Q.ty	Ref.	Value	Description	Manufacturer	Order code
1	4	B1,B2,B3,B4	CON1	Adhesive Bumper Dome 8mm 2.5mm - Rubber	Serpac	52
2	1	CN1	CON34-Plug	CONN SOCKET 34POS SMD GOLD	Panasonic Electric Works	AXF6G3412A
3	2	C1,C3	100nF	CAP CER 0.1UF 16V X7R 0402	Murata Electronics North America	GRM155R71C104KA88J
4	1	C2	10uF	CAP CER 10UF 10V X5R 0402	Samsung Electro-Mechanics America, Inc.	CL05A106MP8NUB8
5	2	C4,C5	NC	CAP CER 100PF 100V C0G/NP0 0402	Murata Electronics North America	GCM1885C2A101JA16D
6	2	JM1,JM2	IN	Terminal Block, Header, 5.08 mm, 2 Ways	TE CONNECTIVITY	796634-2
7	2	J1,J2	IN	Terminal Block, Header, 5.08 mm, 2 Ways	TE CONNECTIVITY	282825-2
8	1	J3	CON3	2.54mm, 3 Way, 1 Row, Straight Pin Header	RS PRO	251-8092
9	7	SB1,R1,R2,R4,SB5,R5,SB7	0R	RES SMD 0 OHM 0402	Vishay Dale	CRCW04020000Z0ED
10	1	R3	5mR	RES SMD 5mOHM	OHMITE	FC4L64R005FER
11	2	R6,R7	NC	RES SMD 4.7K OHM 1% 1/16W 0402	TE Connectivity Passive Product	CRG0402F4K7
12	5	SB2,SB3,SB4,SB6,SB8	NC	RES SMD 0 OHM 0402	Vishay Dale	CRCW04020000Z0ED
13	1	TVS1	ESDALC6V1-1M2, SOD-882	DIODO TVS TRANSIL UNIDIR. 50W 6.1V	ST	ESDALC6V1-1M2
14	1	U1	TSC1641IQT, VDFPN 10 3x3x1.0	Digital current, voltage, power, temperature monitor	ST	TSC1641IQT

Table 3. STEVAL-FLTCB02 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	J1	CON34-Socket	CONN SOCKET 34POS SMD GOLD	Panasonic Electric Works	AXF5G3412A
2	1	J3	CON34-Socket	CONN SOCKET 34POS SMD GOLD	Panasonic Electric Works	AXF5G3412A
3	1	J2	CON34-Header	CONN HDR 34POS SMD GOLD	Panasonic Electric Works	AXF6G3412A
4	1	FLEX PCB Not Reference	FLEX PCB 3 LAYER	FLEX Support-DUPONT Kapton Polyimide Film	DUPONT	

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